Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 21 Sep 2020 until 23:59 on Tuesday 22 Sep 2020

Forecast Issued on Monday 21 Sep 2020 at 01:17

Confidence: High confidence for mostly fine conditions Monday and a transition to more unsettled and much cooler weather from Tuesday onwards. Moderate confidence for extent of low cloud, mist and fog on Monday morning.

Headline for Monday 21 Sep 2020: Early mist and fog clearing to leave a warm and sunny day.

Mountain weather hazards on Monday 21 Sep 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Cloudy	Sunny	Sunny	Sunny intervals	Clear night
Precipitation probability					
10%	10%	<05%	<05%	10%	<05%

Forecast for Monday 21 Sep 2020

Weather: Mist and fog patches are likely at first, these mainly in low-lying valleys in the south and west, but also occasionally covering hills. Low cloud, mist and fog gradually lifting and clearing through the morning to leave a sunny day with prolonged unbroken, warm sunshine. Fine and mostly clear through the evening.

Chance of cloud free mountain/hill tops above 600m: 70% at first, with isolated patches of cloud on hills. Becoming 90% from late morning and 100% through the afternoon and evening.

Visibility: Very good generally with distant hills clearly visible, especially by day. Moderate or poor in mist, locally very poor in fog overnight and early morning, obscuring nearby hills and landmarks.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 21 Sep 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/12 SW	10/14 SW	12/16 W	14/19 W	11/16 W	12/17 SW	11/16 SW
300	5/6 SE	5/8 SW	7/11 W	9/13 W	6/10 W	5/8 SW	4/6 SW
Valley	1/6 SE	3/7 SW	5/9 W	7/13 W	5/11 W	3/7 SW	1/6 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	12/10	13/11	14/12	13/10	12/10	11/9
300	11/10	12/11	15/14	17/15	15/14	13/12	12/11
Valley	8/8	12/12	16/15	18/17	15/14	12/12	10/10
Freezing Level*	2600m	2500m	2600m	2600m	2400m	2500m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Sunshine on Monday will be particularly strong for the time of year with a risk of sunburn if exposed for prolonged periods.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 21 Sep 2020	2.2mm	2.4mm	2.4mm

Forecast for Tuesday 22 Sep 2020

Weather: Turning cloudier and rather breezy overnight, especially in the west, though remaining dry. A few mist patches could still develop in sheltered southern valleys. Cloud spreading to all parts through the day with outbreaks of rain or drizzle on some hills by the evening. Becoming breezy and feeling cooler. More widespread and persistent rain expected during the late evening.

Maximum wind: South-westerly 20mph, with gusts 30-35mph.

Chance of cloud free mountain/hill tops above 600m: 100% falling to 80% overnight with isolated patches of cloud to 600m. 90% during the morning and afternoon, but 60% from late evening with occasional cloud to around 600m.

Visibility: Mainly good or very good with clear views of the park, particularly in lower lying valleys. Poor or very poor in cloud on hills overnight, or mist in valleys, as well as during rain and drizzle through the evening with very limited views of nearby hills and landmarks.

Temperature: **Valleys:** Plus 10 degrees becoming Plus 18 degrees Celsius.
At 600m: Plus 11 degrees becoming Plus 14 degrees Celsius.
Freezing level: Well above summits throughout.

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